

**DECLARATION FOR UTILITY OR  
DESIGN PATENT APPLICATION  
(37 CFR 1.63)**

— Declaration Submitted with Initial Filing

OR

— Declaration Submitted after Initial Filing (surcharge (37 CFR 1.16(e)) required)

<p>Attorney Docket Number</p>	OLIG-003CIP
First Named Inventor	Roderic M.K. Dale et al.
<b>COMPLETE IF KNOWN</b>	
Application Number	To Be Assigned
Filing Date	Herewith
Group Art Unit	To Be Assigned
Examiner Name	To Be Assigned

As a below named inventor, I hereby declare that:

My residence, post office address, and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

THERAPEUTIC ANTISENSE PHOSPHODIESTERASE INHIBITORS

the specification of which:

is attached hereto

OR

— was filed on \_\_\_\_\_ as United States Application Number or PCT International Application Number \_\_\_\_\_ and was amended on \_\_\_\_\_ (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined by 37 CFR 1.56.

Insofar as the subject matter of each of the claims of this application are not disclosed in the prior United States or PCT international application in the manner provided by the first paragraph of 35 U.S.C. 112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designating at least one country other than the United States of America, listed below and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) having a filing date before that of the application(s) of which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached?	
				YES	NO
			—	—	—
			—	—	—
			—	—	—

I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below.

Application Number(s)	Filing Date (MM/DD/YYYY)

I hereby claim the benefit under 35 U.S.C. 120 of any United States application(s), or 365(c) of any PCT international application(s) designating the United States of America, listed below.

U.S. Parent Application or PCT Parent Number	Parent Filing Date (MM/DD/YYYY)	Parent Patent Number (if applicable)
09/223,586	12/30/98	n/a

As a named inventor, I hereby appoint the following registered practitioner(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

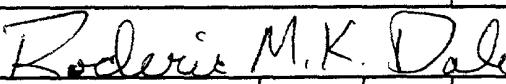
Name	Registration Number	Name	Registration Number
Karl Bozicevic	28,807	Bret E. Field	37,620
Carol L. Francis	36,513	Pamela J. Sherwood	36,677
Dianna L. DeVore	42,484	Paula A. Borden	42,344
Renee A. Fitts	35,136		

#### DIRECT ALL CORRESPONDENCE TO:

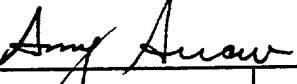
Name	Dianna L. DeVore				
Address	BOZICEVIC, FIELD & FRANCIS LLP				
Address	285 Hamilton Avenue, Suite 200				
City, State, Zip	Palo Alto, California 94301				
Country	U.S.A.	Telephone	650-327-3400	Facsimile	650-327-3231

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

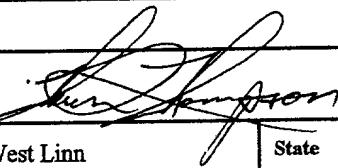
#### Name of Sole or First Inventor:

Given Name (first and middle [if any])			Family Name or Surname				
RODERIC M.K.			DALE				
Inventor's Signature						Date	7/21/99
Residence: City	Wilsonville	State	OR	Country	U.S.A	Citizenship	U.S.
Post Office Address	26761 SW 45th Drive						
Post Office Address	26761 SW 45th Drive						
City	Wilsonville	State	OR	Zip	97070	Country	U.S.A.

**Name of Second Inventor:**

Given Name (first and middle [if any])		Family Name or Surname				
AMY		ARROW				
Inventor's Signature						Date 7/27/99
Residence: City	Bethel	State	ME	Country	U.S.A.	Citizenship U.S.
Post Office Address	184 Birdhill Road					
Post Office Address	184 Birdhill Road					
City	Bethel	State	ME	Zip	04217	Country U.S.A.

**Name of Third Inventor:**

Given Name (first and middle [if any])		Family Name or Surname				
TERRY		THOMPSON				
Inventor's Signature						Date 7/21/99
Residence: City	West Linn	State	OR	Country	U.S.A.	Citizenship U.S.
Post Office Address	2222 SW Ek Road					
Post Office Address	2222 SW Ek Road					
City	West Linn	State	OR	Zip	97068	Country U.S.A.

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<b>ASSIGNMENT OF APPLICATION (JOINT)</b>  Address to: Box Assignment Assistant Commissioner for Patents Washington, D.C. 20231	Attorney Docket Number	OLIG-003CIP
	First Named Inventor	Roderic M.K. Dale et al.
	Application Number	To Be Assigned
	Filing Date	Herewith
	Title	Therapeutic Antisense...Inhibitors
	Group Art Unit	To Be Assigned
	Examiner Name	To Be Assigned

THIS ASSIGNMENT, by Roderic M.K. Dale, Amy Arrow and Terry Thompson (hereinafter referred to as the assignors), residing at 26761 SW 45th Drive, Wilsonville, Oregon 97070 U.S.A., 184 Birdhill Road, Bethel, Maine 04217 U.S.A. and 2222 SW Ek Road, West Linn, Oregon 97068 U.S.A. respectively, witnesseth:

WHEREAS, the said assignors have invented certain new and useful improvements in THERAPEUTIC ANTISENSE PHOSPHODIESTERASE INHIBITORS

for which an application for a United States Patent was filed on \_\_\_, Application No. \_\_\_.

WHEREAS, Oligos Etc. Inc and Oligo Therapeutics Inc. a corporation duly organized under and pursuant to the laws of Oregon, and having its principal place of business at 9775 SW Commerce Circle, Building C6, Wilsonville, Oregon 97070 U.S.A. (hereinafter referred to as the assignee) is desirous of acquiring the entire right, title and interest in and to said invention and said application for Letters Patent of the United States, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon:

NOW THEREFORE, in consideration of One Dollar (\$1.00) and other good and sufficient considerations, the receipt of which is hereby acknowledged, said assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto the assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned invention, application for Letters Patent, and any and all Letters Patent or Patents in the United States of America and all foreign countries which may be granted therefor and thereon, and in and to any and all divisions, continuations, and continuations-in-part of said application, or reissues or extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by said assignee, for its own use and behoof and the use and behoof of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted, as fully and entirely as the same would have been held and enjoyed by the assignors, had this sale and assignment not been made.

AND for the same consideration, said assignors hereby covenant and agree to and with said assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, said assignors are the sole and lawful owners of the entire right, title and interest in and to said invention and the application for Letters Patent above-mentioned, and that the same are unencumbered and that said assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, said assignors hereby covenant and agree to and with said assignee, its successors, legal representatives and assigns, that said assignors will, whenever counsel of said assignee, or the counsel of its successors, legal representatives and assigns, shall advise that any proceeding in connection with said invention, or said application for Letters Patent, or any proceeding in connection with Letters Patent for said invention in any country, including interference proceedings, is lawful and desirable, or that any division, continuation or continuation-in-part of any application for Letters Patent or any reissue or extension of any Letters Patent, to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of Letters Patent for said invention, without charge to said assignee, its successors, legal representatives and assigns, but at the cost and expense of said assignee, its successors, legal representatives and assigns.

AND said assignors hereby request the Commissioner of Patents to issue said Letters Patent of the United States to said assignee as the assignee of said invention and the Letters Patent to be issued thereon for the sole use and behoof of said assignee, its successors, legal representatives and assigns.

Date 7/21/99

Name of Inventor Roderic M.K. Dale  
Roderic M.K. Dale

Date 7/27/99

Name of Inventor Amy Arrow  
Amy Arrow

Date 7/23/99

Name of Inventor Terry Thompson  
Terry Thompson

<b>ASSIGNMENT CORPORATION TO CORPORATION</b>  Address to: Box Assignment Assistant Commissioner for Patents Washington, D.C. 20231	Attorney Docket Number	OLIG-0003CIP
	First Named Inventor	Roderic M.K. Dale et al.
	Application Number	09/364,626
	Filing Date	July 29, 1999
	Title	<i>Therapeutic Antisense...</i>
	Group Art Unit	1635
	Examiner Name	To Be Assigned

WHEREAS Oligo Therapeutics Inc., an Oregon Corporation, ("Assignor") was assigned on July 29, 1999, the rights to an invention and patent application filed thereon entitled, "Therapeutic Antisense Phosphodiesterase Inhibitors," and all continuation and divisional patent applications and Letters Patent that may issue thereon worldwide (the "Invention"); and

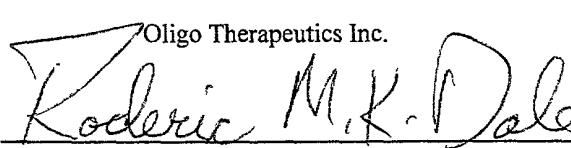
WHEREAS, Assignor has agreed to transfer to Oligos Etc. Inc., an Oregon Corporation, ("Assignee") all of Assignor's interest in, to and under such patent application and all continuation and divisional applications and Letters Patent that may issue thereto (including foreign counterparts thereto); and

NOW THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, Assignor hereby sells, assigns and transfers to Assignee full and exclusive right, title and interest to the invention, Letters Patent that may issue thereon, and any continuation, divisional, extension, renewal, substitution, reissue, reexamined patent or foreign counterpart thereof for the full term or terms for which the same was granted.

Assignor hereby covenants that no assignment, sale or agreement transfer or encumbrance has been or will be made or entered into which would conflict with this assignment or sale.

Assignor further covenants that Assignee will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention, said applications and said Letters Patent (including any continuation applications, divisional applications, foreign counterparts and patents issuing thereon), as may be known and accessible to Assignor and will testify regarding the same in any interference or litigation related thereto and will promptly execute and deliver to Assignee or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain, and enforce rights in, to and under said invention, said application, and said Letters Patent which may be necessary or desirable, without further compensation, but at the expense of Assignee, its successors, assigns or other legal representatives.

Date 10/11/99

By: Oligo Therapeutics Inc.  
  
Roderic M.K. Dale  
President/C.E.O.

PATENT

Attorney Docket 054800-5003-01

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: **Roderic Dale et al.**)  
Application No. **09/364,626**) Examiner: **Janet Epps**  
Filed: **July 29, 1999**) Group Art Unit: **1635**  
For: **Therapeutic Antisense Phosphodiesterase**)  
**Inhibitors**)

Commissioner for Patents  
Washington, D.C. 20231

**SUBMISSION OF REVOCATION OF POWER OF ATTORNEY**  
**AND GRANT OF NEW POWER OF ATTORNEY**

Enclosed is a copy of the Revocation of Original Power of Attorney and Grant of New Power of Attorney by the Assignee. Please change the Attorney Docket Number for this application to 054800-5003-01.

Dated: **February 12, 2002**  
Morgan, Lewis & Bockius LLP  
Customer No. **09629**  
1111 Pennsylvania Avenue, N.W.  
Washington, D.C. 20004  
202-739-3000

Respectfully submitted,  
**Morgan, Lewis & Bockius LLP**

  
\_\_\_\_\_  
Michael R. Dzwonczyk  
Registration No. 36,787

PATENT  
Attorney Docket 054800-0001

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: **Oligos Etc. Inc.**

Serial No. As Shown on the Attached List

Filed: As Shown on the Attached List

For: As Shown on the Attached List

Commissioner for Patents  
Washington, D.C. 20231

**REVOCATION OF ORIGINAL POWER OF ATTORNEY**  
**AND GRANT OF NEW POWER OF ATTORNEY**

Assignee hereby revokes the previous Power of Attorney in the application serial numbers listed shown below to Foley & Lardner and hereby grants their power of attorney to the registered practitioners of Morgan, Lewis & Bockius LLP included in the Customer Number provided below to prosecute these applications and to transact all business in the Patent and Trademark Office connected therewith, and direct that all correspondence be addressed to that Customer Number.

**Customer Number: 009629**

Please direct all telephone inquiries to:

**Michael R. Dzwonczyk**  
**Morgan, Lewis & Bockius LLP**  
**1800 M Street, N.W.**  
**Washington, D.C. 20036**  
**202-467-7495**

<u>New Attorney Docket</u>	<u>Serial No.</u>	<u>Date Filed</u>	<u>Reel/Frame</u>
054800-5001	09/222,009	12/30/1998	010329/0767
054800-5001-01	09/282,824	03/31/1999	010329/0765
054800-5001-02	09/281,858	03/31/1999	010329/0761
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